



JC07 Rec'd PCT/PTO 29 APR 2005 PCT

CASE IA/3-22333/PCT

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Anna R. Maddalena  
Type or print name

Anna R. Maddalena 4/27/05  
Signature

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PCT NATIONAL STAGE APPLICATION OF  
JONATHAN HUGHES  
INTERNATIONAL APPLICATION NO. PCT/EP 03/08291  
FILED: JULY 28, 2003  
FOR: PRODUCTION OF FERMENTATION  
PRODUCT  
U.S. APPLICATION NO.: 10/523,302  
35 USC 371 DATE: JANUARY 31, 2005

Group Art Unit:

Examiner:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 CFR 1.56, Applicants wish to call the Examiner's attention to the references cited on the attached forms PTO-1449. Copies of the International Search Report and the references cited therein were supplied when this application entered the U.S. national phase.

Enclosed herewith is a copy of the British Search Report. Except for the U.S. patents, copies of these references along with English language abstracts are enclosed herewith. Also enclosed are copies of the Kim et al and Stenberg et al articles, the NREL article, an Abstract of the Makromol. Chemistry article, EP 105933 and EP 102759.

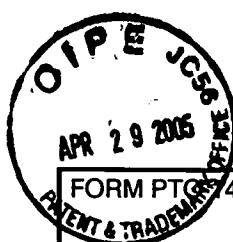
The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 forms.

Respectfully submitted,



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Encl. References  
PTO-1449 Forms  
GB Search Report

Sheila A. Loggins  
Agent for Applicants  
Reg. No. 56,221



Sheet 1 of 4

<b>FORM PTG-449</b> <small>PATENT &amp; TRADEMARK OFFICE</small>	Docket Number (Optional) <b>IA/3-22333/PCT</b>	Application Number <b>10/523,302</b>
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>		Applicant <b>JONATHAN HUGHES</b>
(Use several sheets if necessary)		Filing Date <b>JANUARY 31, 2005</b>
		Group Art Unit

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	2017707	10/79	Great Britain				
	99/50195	10/99	PCT/World				
	01/34908	5/01	PCT/World				
	94/29475	12/94	PCT/World				
	3107950	9/82	Germany				

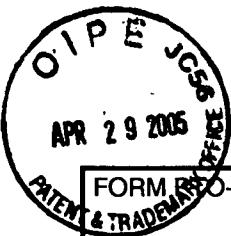
**OTHER DOCUMENTS** (including Author, Title, Date, Pertinent Pages, Etc.)

	Y Kholkin et al., Applied Biochemistry and Biotechnology, Vol. 82, No. 2, pp. 135-140 (1999)
	Derwent Abstr. 1993-150324 for SU 1733477 (1992)
	Derwent Abstr. 1997-488205 for RU 2077594 (1997)

<b>EXAMINER</b>  /Peter Hruskoci/	<b>DATE CONSIDERED</b>  03/12/2008
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH /PAH/



Sheet 2 of 4.

FORM PTO-1449 & TRADEMARKS	Docket Number (Optional) IA/3-22333/PCT	Application Number 10/523,302
INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Applicant JONATHAN HUGHES	
(Use several sheets if necessary)	Filing Date JANUARY 31, 2005	Group Art Unit

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

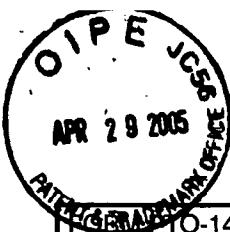
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	61204100	9/86	Japan				
	0150933	8/97	Europe				
	0102759	3/84	Europe				

**OTHER DOCUMENTS** (including Author, Title, Date, Pertinent Pages, Etc.)

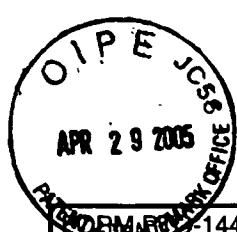
	Tucker et al., Applied Biochemistry and Biotechnology, Vol. 70-72, No. 0, (1998), pp. 25-35
	Shell et al., Applied Biochemistry and Biotechnology, Vol. 70-72, No. 0, (1998), pp. 17-24
	Derwent Abstr. 1982-79144E [38] for DE 3107950 (1982)

<b>EXAMINER</b> / Peter Hruskoci/	<b>DATE CONSIDERED</b> 03/12/2008
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Sheet 4 of 4

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